Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

HW#84H: Secants & Angle Properties

Honors Geometry

Due Date: Wednesday April 29th, 2015

**Failure to show all work and write in complete sentences will result in LaSalle!**

|  |  |
| --- | --- |
| 1) Find the value of *x*. | 2) Find the value of *x*. |
| 3) Find the value of *x*. | 4) Find the value of *x*. |
| 5) Find the measure of angle 1. | 6) Find the measure of angle 1. |
| 7) Find the value of *x*. | 8) Find the value of *x*. |
| 9) Find the value of *x*. | 10) Find the measure of angle 1. |
| 11) Use your notes to re-work the proof for this property: | |
| 12) Use your notes to re-work the proof for this property: | |
| 15) Find the length of the segment indicated. Round your answer to the nearest tenth if necessary. | 16) Find the angle measure indicated. Assume that lines which appear to be tangent are tangent. |
| 17) Find the values of the variables. | 18) Find the value of the variable. |